

Figure 1: Block diagram of one preferred embodiment of the present invention.

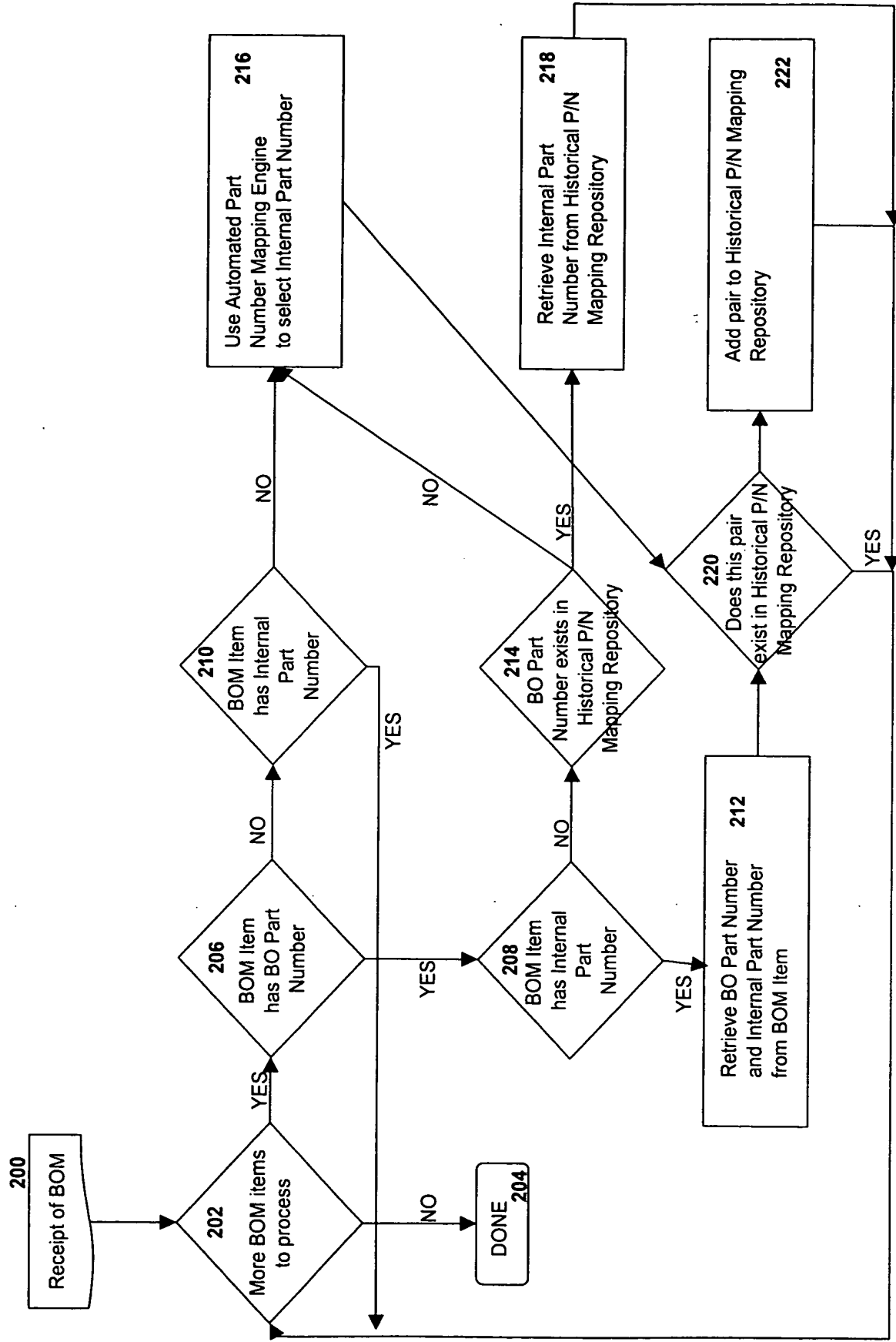


Figure 2: Flowchart depicting a process for Part Number Mapping Process using the Automated Part Number Mapper.

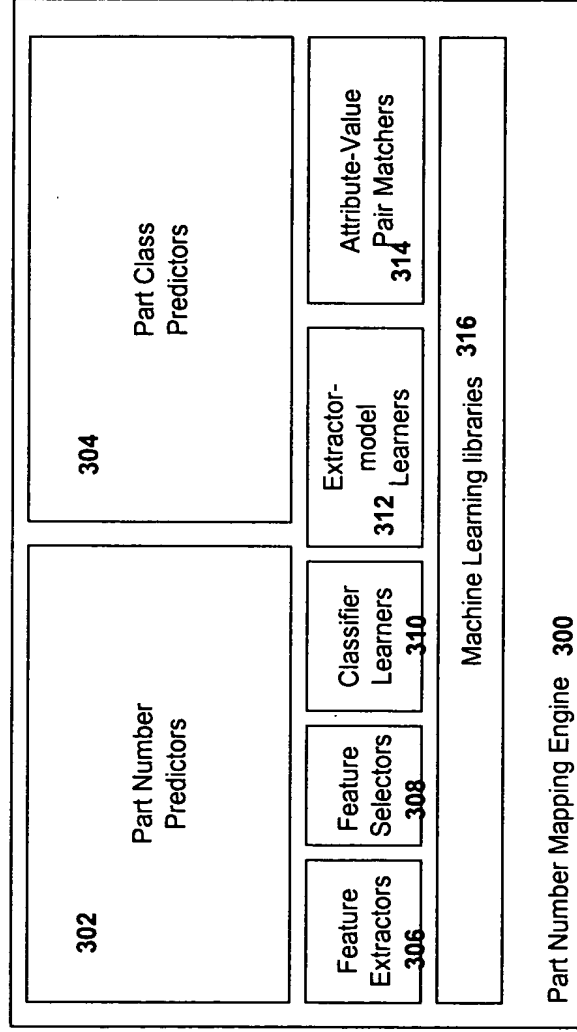


Figure 3: Block diagram showing the various components of the part number mapping engine.

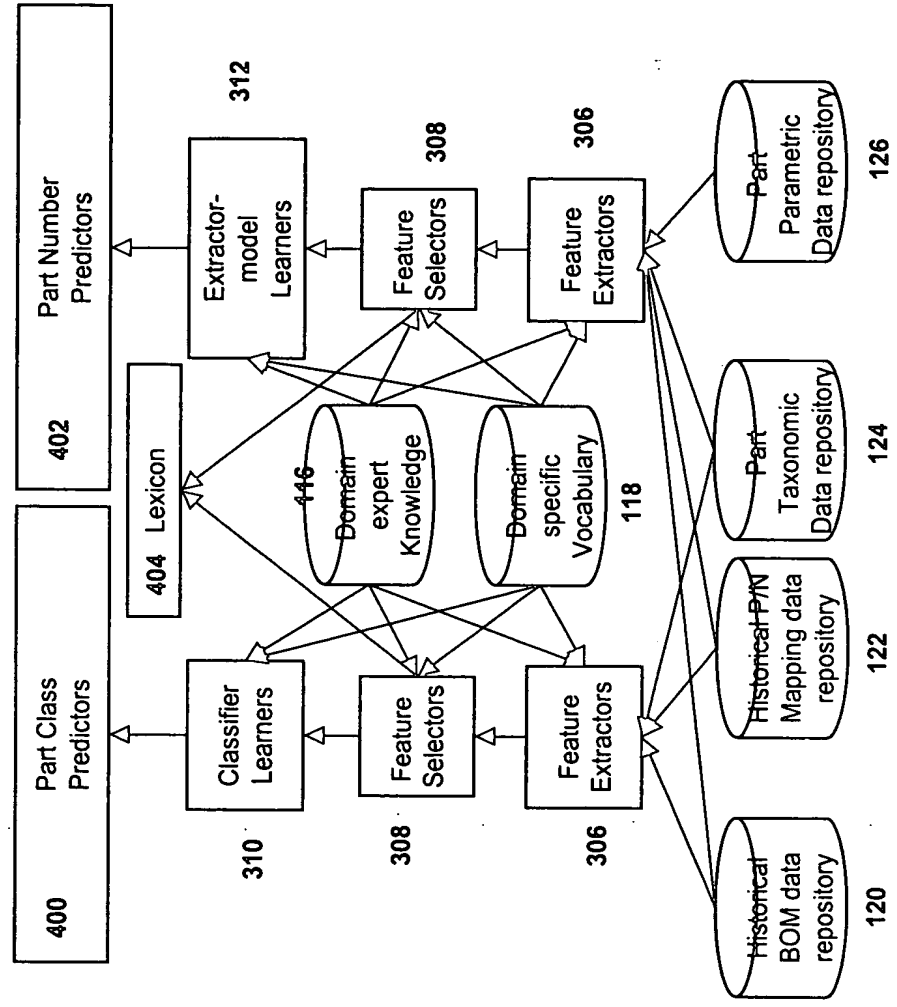


Figure 4: Block diagram showing the creation of the predictor models used by the part number mapping engine.

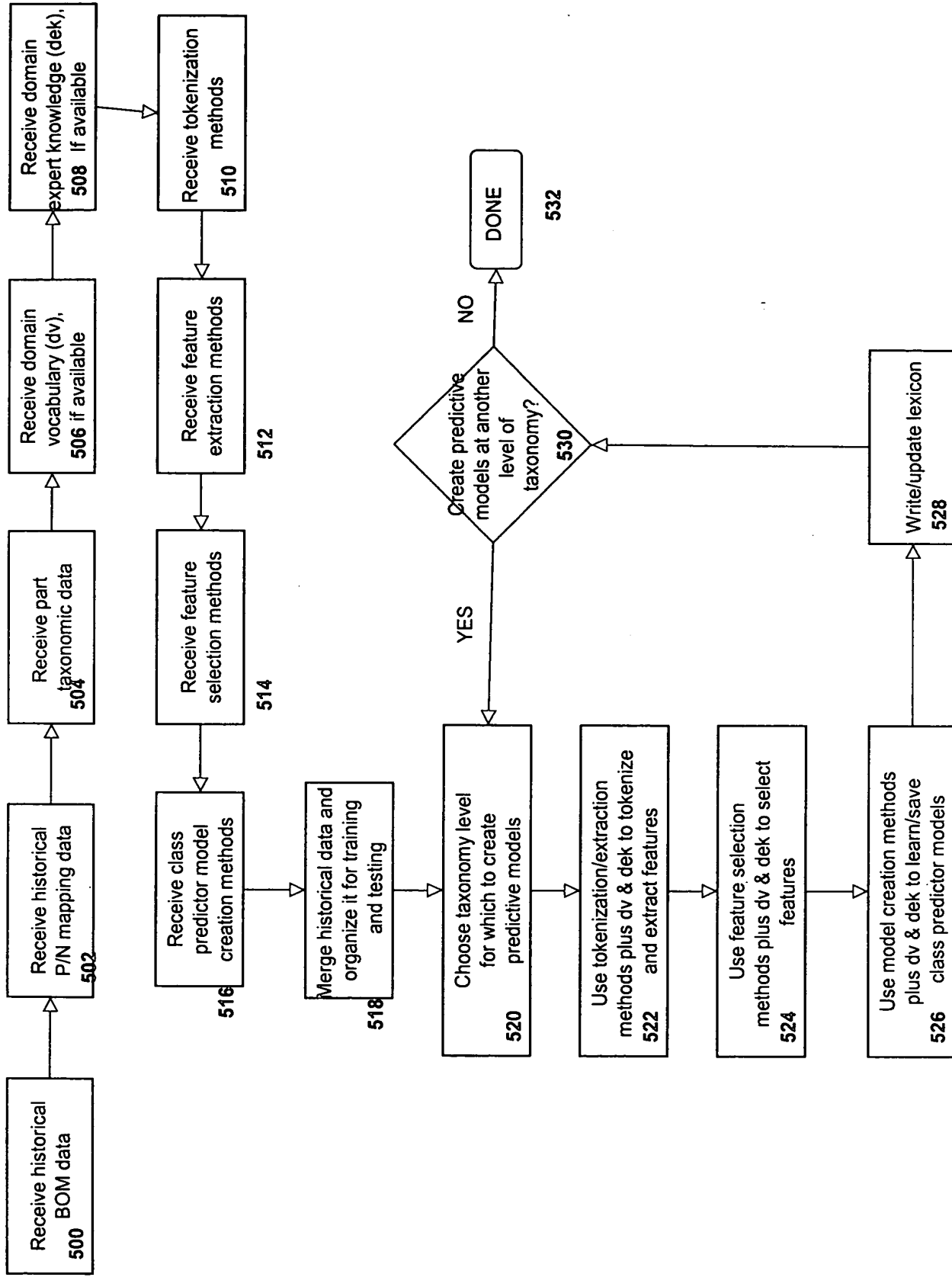


Figure 5A: Flow chart showing the process of creating predictive models for the part taxonomy.

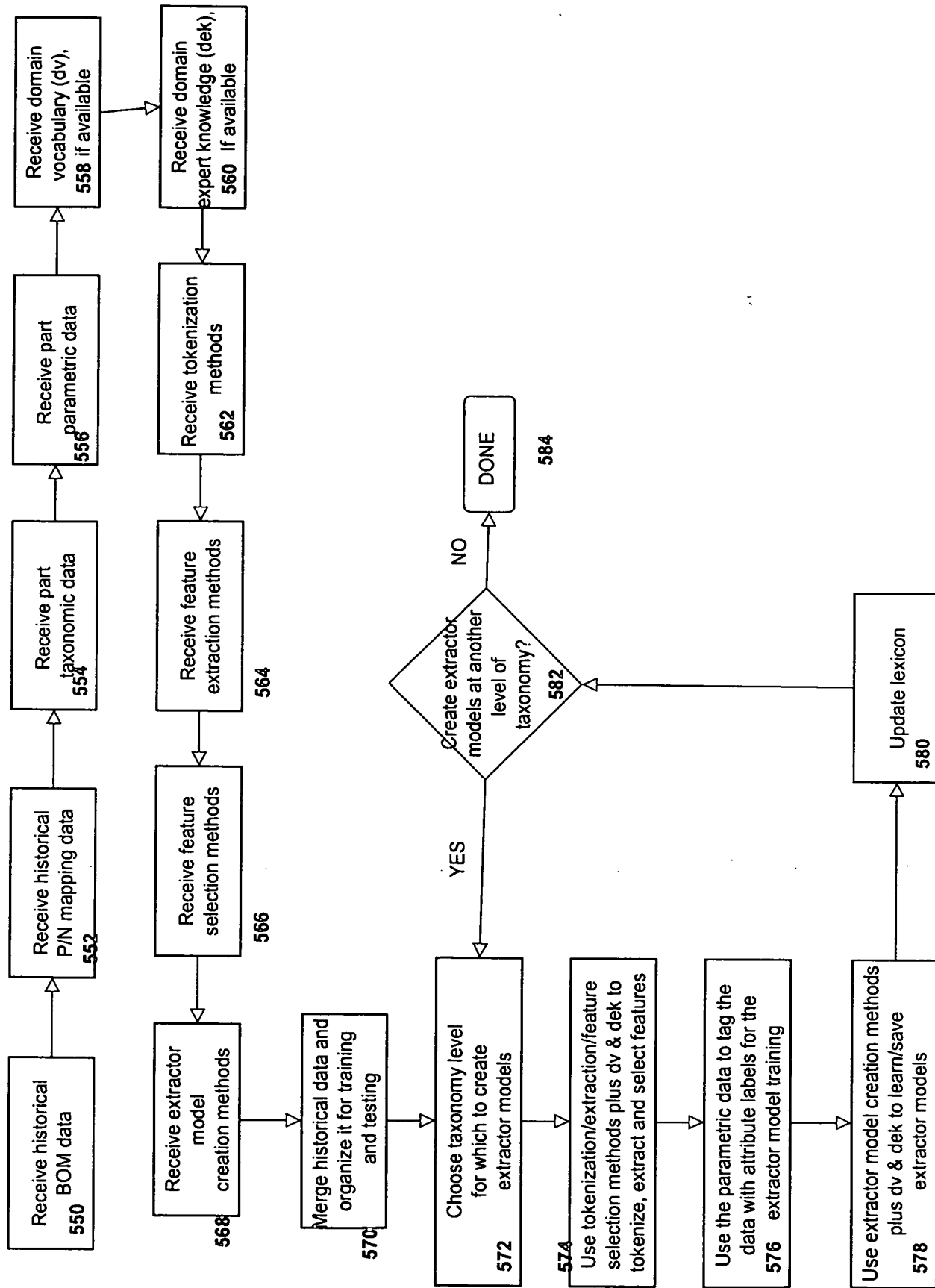


Figure 5B: Flow chart showing the process of creating extractor models.

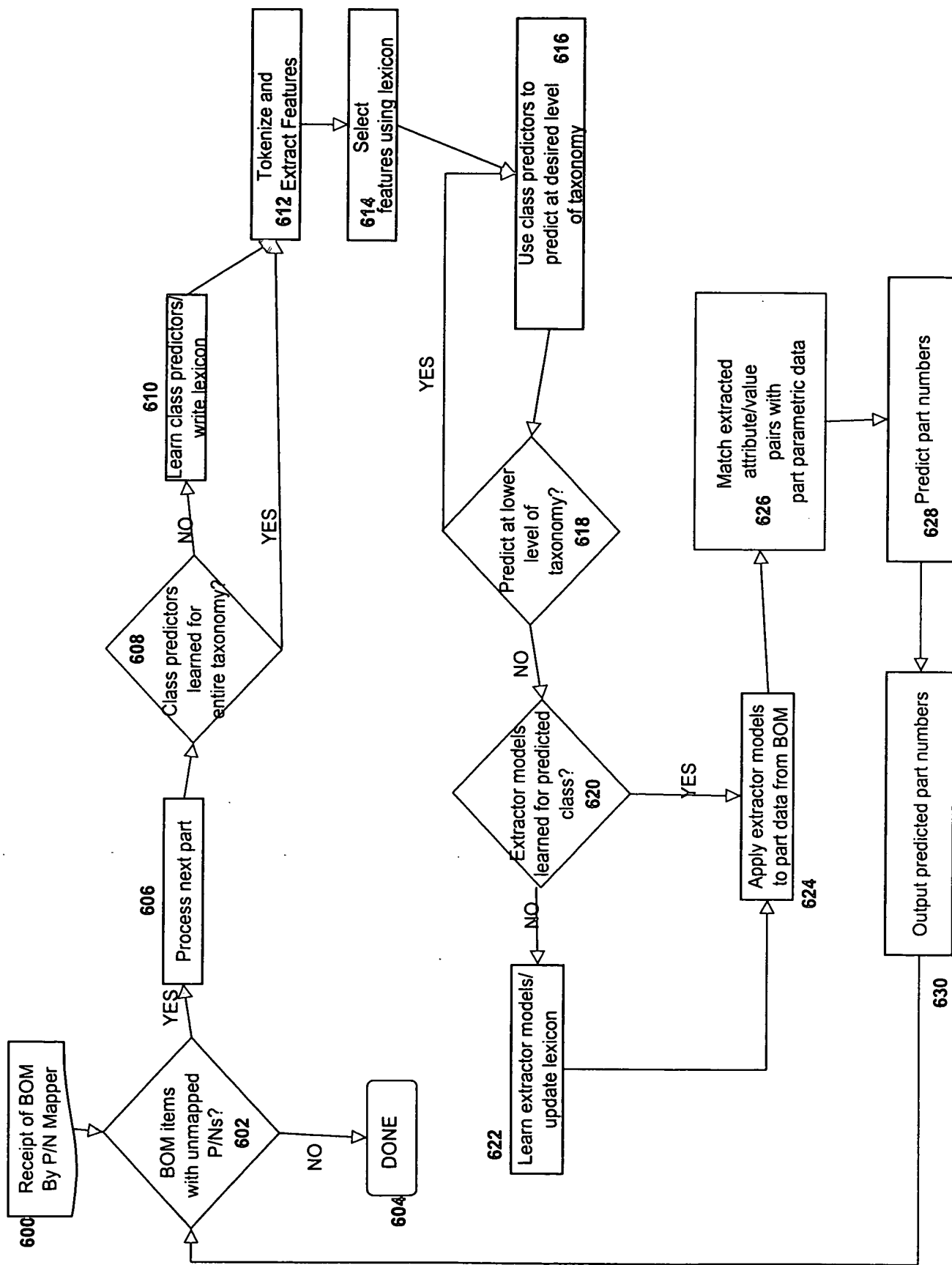


Figure 6: Flow chart showing the process of mapping part numbers using the part number mapper.

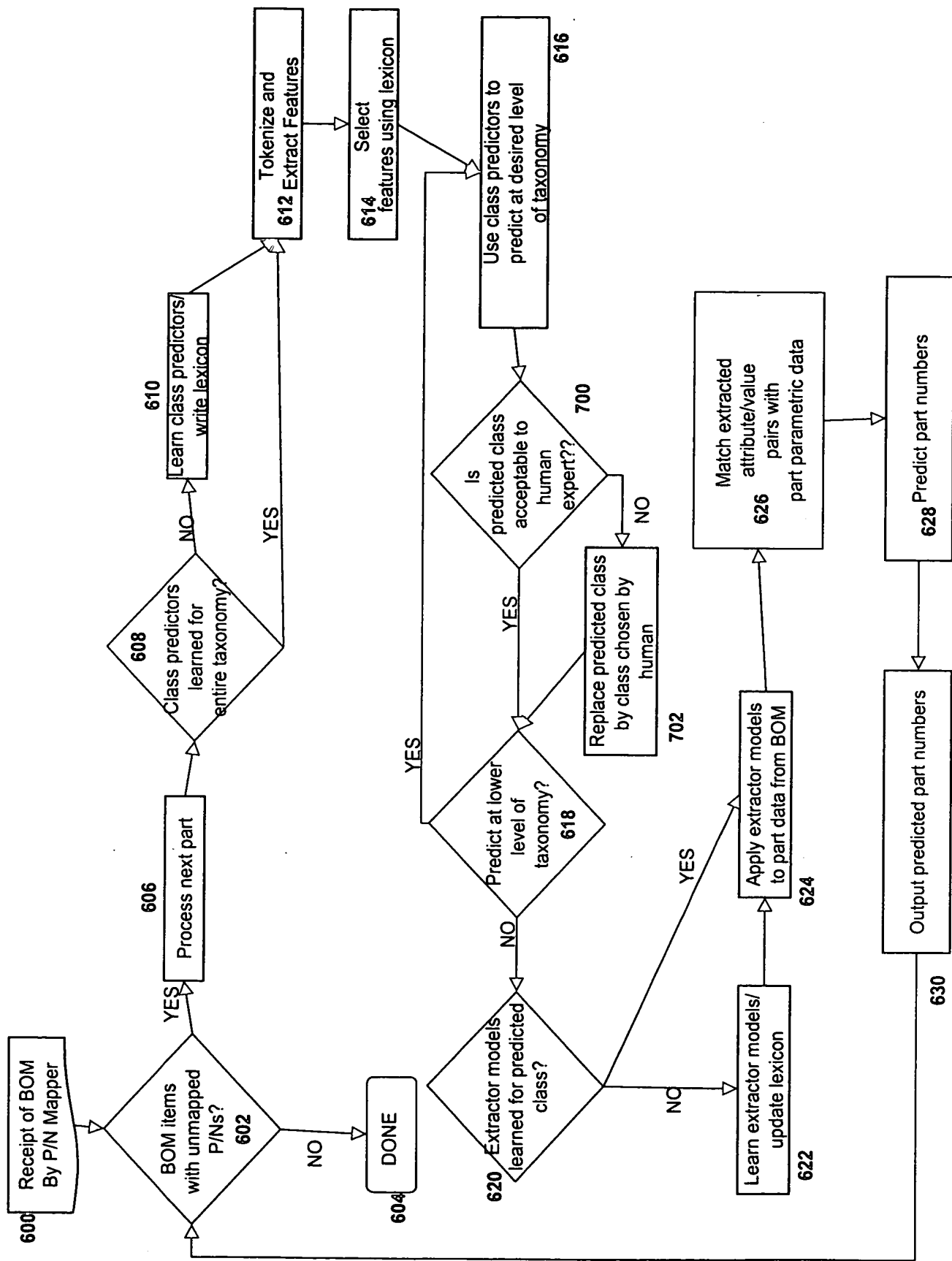


Figure 7: Flow chart showing one kind of manual intervention use during the process of mapping part numbers using the part number mapper.



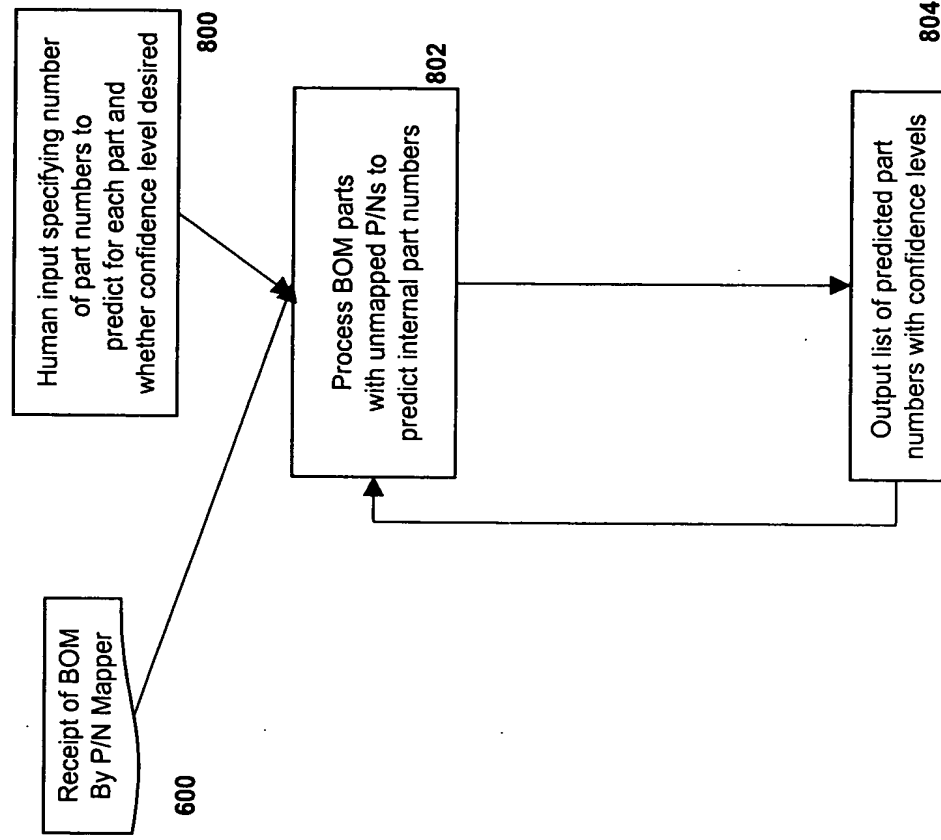


Figure 8: Flow chart showing the process of mapping part numbers where a list of parts numbers along with associated confidence levels is predicted for each BOM part.